AS5401 GSM-ISDN Interface

Desktop

Saving from fixed to mobile
Saving from mobile to fixed
Saving from mobile international to fixed
Mobile2International
Wireless Local Loop solutions

The AS5401 is designed for all ISDN PABX's and offers a superior speech quality. Its flexible ISDN settings make the AS5401 a universal GSM/ISDN gateway. The AS5401 connects to the ISDN2 port of an ISDN communication system. It is programmable to work:

• at an internal S0-bus

• or at an external T0-port

• or as tie-line

The AS5401 works with Euro ISDN or QSIG protocol and therefore it is able to function with most modern ISDN communication systems.

Built-in triple band GSM units allow two simultaneous incoming or outgoing voice-calls from or into different networks. The AS5401 uses both B-channels of one ISDN connection. Internal routing directs outgoing calls to a specific network.

At a cross connection or in a point-to-point set up, the AS5401 supports CLIP for incoming calls.

The following versions are available:

AS5401/1V: AS5401 GSM-ISDN Interface for voice with 1 GSM-channel, 230V power supply, 3dB antenna with fixation mount

AS5401/1V/sync: AS5401 GSM-ISDN Interface for voice with 1 GSM-channels and synchronisation option, 230V power supply, 3dB antenna with fixation mount

AS5401/2V: AS5401 GSM-ISDN Interface for voice with 2 GSM-channels, 230V power supply, antenna splitter 2to1, 3dB antenna with fixation mounts

AS5401/2V/sync: AS5401 GSM-ISDN Interface for voice with 2 GSM-channels and synchronisation option, 230V power supply, antenna splitter 2 to 1and 3dB antenna with fixation mounts

.
Optionally both versions can be equipped with high gain antennas, longer antennacables, backup battery and/or mounting brackets.

Technical specifications AS5401/xV

Interface

• 1 or 2 Transceiving dual band (900/1800) GSM/GPRS-unit; triple band (900/1800/1900) is optional.

• integrated antenna splitter 2 to 1 -> only 1 antenna is needed for 2 GSM-channels

• Voice ISDN-Interface connectable to S0 (Euro ISDN), TIE-line (Euro ISDN, QSIG), T0 P-P or

  P-M-P (Euro ISDN)

• LED function control

• Dimensions: appr. 80 x 150 x 245 cm

• RS232 (9-pin SUB D connector)

• RJ45 connection for 1x BRI

Functionalities ISDN Interface

• Incoming calls per GSM-channel programmable or per user via CLIP
• Number recognition for outgoing calls per GSM-number programmable
• Callback supported (with or without 'whitelist' / with or without delay)
• Whitelist possibilities
• Import function for entering GSM-numbers (for 'whitelist')
• Mobile2International possibility
• (Un-)answered call setup: AS5401 stores the extension number of the caller. When the
  GSM-call is missed, this person can call back the AS5401 and will be automatically re-directed
  to the original extension number
• Dialing-in possible and secured by CLIP. Dialing in direct to extension or with delay.
• Conference call (multi party) and explicit call transfer possible (when supported by network)
• Possibility to program tones, melodies or speech announcements (multiple languages)
• Internal LCR
• Possibility to block numbers
• Very fast connection PABX -> wireless network
• Number recognition GSM -> ISDN.
• Minimum signal quality GSM-network programmable -> therefore high speech quality is always
  guaranteed
• Configuration Software (W95/98/2000/NT/XP) free downloadable
• Simultaneous configuration of all modules
• Remote configuration, tracing and firmware updating

Technical changes without prior notice